

PROJECT DESCRIPTION

I. GENERAL

This project involves the modification to the existing traffic control signal at the intersection of MD 140 (Reisterstown Road) and Valley Centre Entrance in Baltimore County, Maryland. MD 140 is considered to run in a north/south direction.

II. INTERSECTION OPERATION

The intersection operation is to remain unchanged.

The existing pedestal pole, conduit and interconnect in the NW quadrant of the intersection are to be relocated.

EQUIPMENT LIST

A. Approved S.H.A. equipment to be purchased by the Developer and installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
1	EA	816	14 ft. steel pedestal pole with break away transformer base.
1	EA	814	12 in., one-way, five section (R,Y,YA,G,GA) adjustable black faced traffic signal head with pole mounting hardware and tunnel visors.
1	EA	814	12 in., two-way, two section (symbolic DW, WK) adjustable pedestrian signal head with post top mounting hardware and cut-away visors.
1	EA	817	Pedestrian pushbutton assembly with pushbutton sign.

CONTACT LIST

The contact persons for District #4 are as follows:

Mr. Randall Scott  
Assistant District Engineer - Traffic  
410-321-2781

Mr. Joe McMahon  
Assistant District Engineer - Utility  
410-321-2841

Mr. Dave Ramsey  
Assistant District Engineer - Maintenance  
410-321-2761

Mr. Richard L. Daff  
Chief, Traffic Operations Division  
410-787-7630

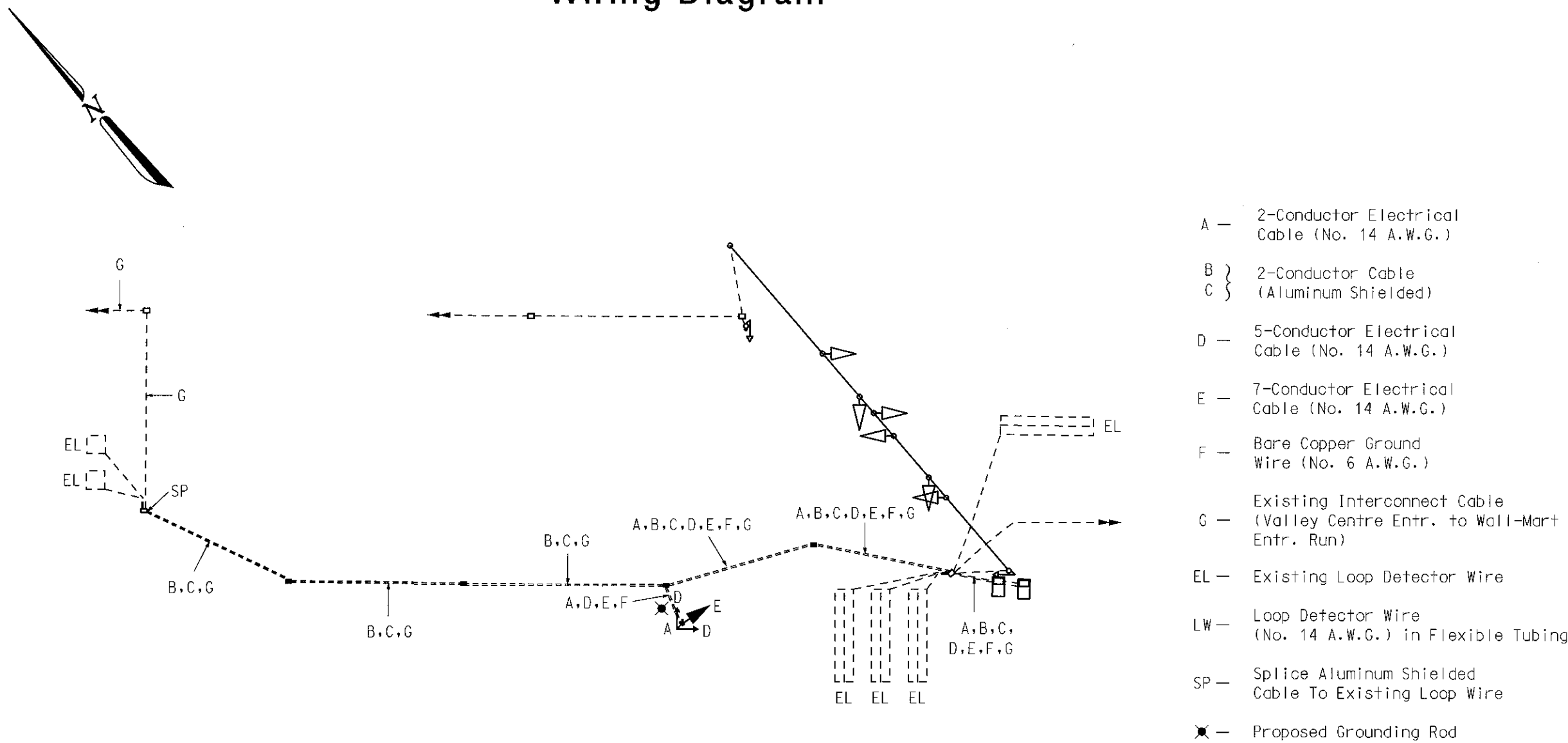
B. Equipment to be furnished and/or installed by the Contractor. All equipment in this list shall have catalog cuts submitted for approval prior to installation.

Quantity	Units	Specification Section	Description
Lump Sum	LS	108	Mobilization.
Lump Sum	LS	104	Maintenance of traffic.
1	CY	205	Test pit excavation.
4	EA	811	Handhole.
950	LF	810	2-conductor (aluminum shielded) electrical cable (No. 14 A.W.G.).
140	LF	810	2-conductor electrical cable (No. 14 A.W.G.).
150	LF	810	5-conductor electrical cable (No. 14 A.W.G.).
160	LF	810	7-conductor electrical cable (No. 14 A.W.G.).
140	LF	804	Bare copper stranded ground wire (No. 6 A.W.G.).
10	LF	805	2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
285	LF	805	3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
150	LF	805	3 in. polyvinyl chloride [Schedule 80] electrical conduit - slotted in roadway.
0.7	CY	801	Concrete foundation for traffic signal equipment.
1	EA	804	Ground rod - 3/4 in. diameter x 10 ft. length.
15	LF	556	24 in. wide HAPPTPM white for stop line.
Lump Sum	LS	---	Relocate existing Interconnect Cable (Approx. 550 LF).
Lump Sum	LS	---	As-built for S.H.A. (on CADD).

Phase Chart

	1	2	3	4	5	6	7	8,9	10,11
Phase 1 & 6	G	G	G	R	R	R	R	DW	DW
1 Change	G	G	G	R	R	R	R	DW	DW
Phase 2 & 6	G	G	G	G	G	R	R	WK	DW
Ped Clearance	G	G	G	G	G	R	R	FL/DW	DW
2 & 6 Change	Y	Y	Y	Y	Y	R	R	DW	DW
Phase 4	R	R	R	R	R	G	G	DW	DW
4 Change	R	R	R	R	R	Y	Y	DW	DW
Phase Alt 4	R	R	R	R	R	G	G	DW	WK
Ped Clearance	R	R	R	R	R	G	G	DW	FL/DW
Alt 4 Change	R	R	R	R	R	Y	Y	DW	DW
Flashing Operation	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	DARK	DARK

Wiring Diagram



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
(General Information Plan)

MD 140 (Reisterstown Road) at Valley Centre Entrance

DRAWN BY: F. Brownley	F.A.P. NO. N/A	TS NO. 2103-B GI
CHECKED BY: N/A	S.H.A. NO. BW996M82	T.I.M.S. NO. E-779
SCALE: N/A	COUNTY: Baltimore	
DATE: January 7, 2002	LOG MILE: XXX	